

3.600 St. Louis County
West Lake Sanitary Landfill

JOHN ASHCROFT
Governor

FREDERICK A. BRUNNER
Director



STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

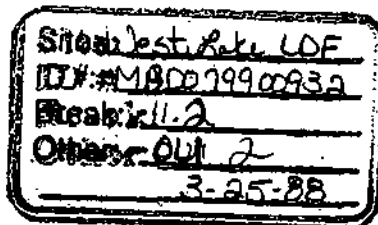
St. Louis Regional Office
8460 Watson Road, Suite 217
St. Louis, MO 63119
314-849-1313

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

March 25, 1988

Certified # P 777 317 906

Mr. W. E. Whitaker, President
West Lake Landfill, Inc.
13570 St. Charles Rock Road
Bridgeton, Missouri 63044



Dear Mr. Whitaker:

Enclosed is a report of an inspection conducted by Mr. Stuart Bean of my staff. The report documents findings which warrant the issuance of Notice of Violation # 4393 (enclosed). Please review the enclosures, and carry out the recommendations presented. You are also requested to submit a written response to this office within thirty (30) days outlining the corrective measures taken.

It is our purpose by this letter to persuade you to take all necessary steps to comply with the Missouri Solid Waste Management Law. Should you wish to confer on this matter or if you have any questions, please contact me.

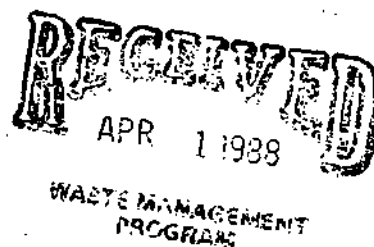
Sincerely,

ST. LOUIS REGIONAL OFFICE

F. Donald Maddox
Regional Administrator

FDM/SB/mc
Encl.

CC: Central Office - WMP
City of Bridgeton
Mr. Ron Darling - St. Louis Co. Health Dept.



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DNR 0052

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SOLID WASTE FACILITY INSPECTION REPORT

FACILITY

West Lake Sanitary Landfill
St. Louis County
Sanitary Landfill
MDNR Permit # 118912

INTRODUCTION

An inspection of the West Lake Sanitary Landfill was conducted on March 16, 1988, to assess compliance with applicable requirements pursuant to the Missouri Solid Waste Management Law. Mr. Stuart Bean, Environmental Specialist, represented the Missouri Department of Natural Resources - St. Louis Regional Office. Messrs. Ron Darling and Steve Tullos, Environmental Control Officers, represented the St. Louis County Department of Community Health and Medical Care. Mr. William Canney, Environmental Engineer, represented the facility.

FINDINGS

1. Wastes were not being covered on a daily basis.
2. Scattered litter was observed at the site.
3. Solid waste was in contact with surface water.
4. A clay liner has been placed in the working face area.

DISCUSSION

At the time of the inspection landfilling was being conducted at the northeast section of the quarry pit. The working face was split into two (2) sections. A clay liner was being put in place along the edge of the quarry wall at this section. The leachate collection well in this area was not operating due to the liner installment, which required the disconnection of electrical wires.

Scattered, exposed wastes were observed in the quarry pit. Mr. Canney stated that there were "a couple of days worth" of exposed wastes at the site, primarily due to a recent increase in waste amounts coming to the site. The scattered wastes were observed to have increased windblown litter.

(2)

Solid waste was seen in contact with a number of small pools of surface water at the north section of the quarry and also in and around a large pool of leachate at the southeast section of the quarry. The leachate pool is the result of seepage and was near leachate collection well number three (3), which operates with an on-off cycle of eight (8) hours. A portable pump which was connected to the leachate well was observed at the edge of the leachate pool but was not operating.

Extra final cover material had been placed at the Area One (1) site but had not been graded and seeded. Some erosion was observed at the south section of Area 1, which is at the edge of Pit Number Two (2). Mr. Canney stated that more wastes and cover material may be placed at this section.

RECOMMENDATIONS

1. Cover all of the wastes received on a daily basis.
2. Collect and properly dispose of all litter at the site on a continual basis.
3. Immediately remove all solid wastes from surface water, and take appropriate measures to eliminate the ponding of surface water.
4. Fill in all eroded areas as needed, and maintain side slopes to less than a 3:1 ratio.

A re-inspection of the site will be conducted after May 1, 1988.

APPROVED BY:



F. Donald Maddox
Regional Administrator
St. Louis Regional Office

PREPARED BY:



Stuart Bean
Environmental Specialist III
St. Louis Regional Office

FDM/SB/mc

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

Annual Inspection ☐
Reinspection ☒

SANITARY LANDFILL SURVEILLANCE RECORD

Date: March 16, 1988 Days/Week Open: 6
Name of Sanitary Landfill: West Lake Sanitary Landfill
Permit No: 118912 County: St. Louis County
Owner: West Lake Landfill Inc. Operator: SOME
Address: 13570 St. Charles Rock Rd Address: _____
Bridgeton, Mo 63042

I. Special Conditions and Approved Modifications

- A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. Impermeable barrier, limited excavation, exceptions to daily cover requirements)
X Yes _____ No
- B. Is the sanitary landfill operation in compliance with the special conditions or approved modifications? (If "No," describe violations under "REMARKS")
X Yes _____ No

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Municipal solid waste	<u>X</u>	<u>X</u>	<u>X</u>
Bulky waste	<u>X</u>	<u>X</u>	
Dead animals			
Incinerator residue	<u>X</u>	<u>X</u>	
Demolition and construction waste			
Brush and untreated wood waste			
Septic tank pumpings			
Wastewater treatment plant sludges			
OTHER SLUDGES (SPECIFY)			
LIQUIDS (SPECIFY)			
INDUSTRIAL PROCESS WASTES (SPECIFY)			
HAZARDOUS WASTES (SPECIFY)			
OTHER WASTES (SPECIFY)			

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PROGRAM

III. Remaining Life of Landfill

- A. Estimated amount of solid waste coming through gate.
Compacted loads 250 yds/wk _____ tons/wk
Noncompacted loads _____ yds/wk _____ tons/wk
- B. Estimated volume of remaining landfill covered by approved engineering plans:
_____ acre feet 24 years

INSPECTION FORM
DISTRIBUTION LIST

Owner X
Operator _____
City Bridgeton
County Court _____
Consulting Engineer _____
Solid Waste Program CO-WMP
Regional Office File SR0
Others Mr. Ray Oakley St. L. Co.
Health Dept.

IV. Satisfactory Compliance Subsections Regulations 80-3.010

Check all subsections: SAT — Satisfactory; UNS — Unsatisfactory. (If necessary describe "UNS" violations under "Remarks.")

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(1) SOLID WASTE ACCEPTED			
(2)(C)2	Bulky solid waste crushed on solid ground and pushed onto working face near bottom of the cell.	X	
(2)(C)3	Small dead animals covered immediately with soil or solid waste. Large dead animals placed in pit and covered with four feet compacted soil.	X	
(2)(C)4	Disposal of dewatered sludges on working face along with municipal solid waste.	X	
(2)(C)5	Incinerator and air pollution control residues prevented from becoming airborne.	X	
(3) SOLID WASTE EXCLUDED			
(3)(C)1	No unpermitted waste accepted.	X	
(3)(C)2	Sign posted at entrance listing excluded wastes.	X	
(4) SITE SELECTION			
(4)(C)1	Site accessible in all weather conditions. Temporary roads provided for delivery to working face.	X	
(6) WATER QUALITY			
(6)(C)1	Surface water courses and runoff properly diverted from the landfill. Sanitary landfill construction and grading to promote rapid surface water runoff without excessive erosion.		
(6)(C)2	Leachate collection and treatment systems utilized where necessary to protect ground and surface water resources.		
(6)(C)3	No ground or surface water in contact with solid waste.		X
(7) AIR QUALITY			
(7)(C)	No open burning without written permission of the proper air pollution agency and the Division.	X	
(8) GAS CONTROL			
(8)(C)	Implementing decomposition gas control plan as necessary to prevent problems.	X	
(9) VECTORS			
(9)(C)	Vector control programs implemented when necessary to prevent or rectify vector problems.	X	
(10) AESTHETICS			
(10)(C)1	Litter control devices utilized near working face and elsewhere as needed. Litter collected from fences, and the ground surface, and incorporated into the daily cell at the end of each day or containerized.		X
(10)(C)2	Wastes easily moved by wind covered as necessary to prevent their becoming airborne and scattered.		X
(10)(C)3	On-site vegetation and natural windbreaks being utilized to improve appearance and operation of the sanitary landfill.	X	

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UN
(10) AESTHETICS (Continued)			
(10)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable containers or enclosures.	X	
(11) COVER MATERIAL			
(11)(C)1	Daily cover applied regardless of weather in not less than a six inch layer. Cover material available in all weather conditions.		
(11)(C)2	Intermediate cover applied to all areas idle for more than 60 days in a layer not less than one foot after compaction.		
(11)(C)3	Final cover applied on each area as completed in a layer not less than two feet after compaction.		
(12) COMPACTION			
(12)(C)1	Adequate equipment on-site, operated daily.	X	
(12)(C)1A	Solid waste spread in layers not to exceed two feet and confined to smallest practical area.	X	
(12)(C)1B	Wastes compacted to smallest practical volume.	X	
(12)(C)1C	Cover material compacted as much as practical.	X	
(12)(C)2	Preventive maintenance performed.	X	
(12)(C)3	Daily task operating manual provided.	X	
(13) SAFETY			
(13)(C)1	Fire extinguishers provided on oil equipment.	X	
(13)(C)2	Provisions for extinguishing fires in waste, equipment, and structures.	X	
(13)(C)3	Communication equipment available.	X	
(13)(C)4	Scavenging prohibited.	X	
(13)(C)5	Controlled access to site by established roadways and limited to hours when operating personnel are on duty.	X	
(13)(C)6	Traffic controlled and directed to designated disposing points.	X	
(13)(C)7	Site dust controlled for safety purposes and to prevent nuisances.	X	
(14) RECORDS			
(14)(C)1A	Records of major problems and complaints.	X	
(14)(C)1B	Monitoring record maintained. a. leachate sampling and analyses. b. gas sampling and analyses. c. ground and surface water analyses.	X	
(14)(C)1C	Records of vector control efforts.	X	
(14)(C)1D	Records of dust and litter control efforts.	X	
(14)(C)1E	Records of quantity of waste handled.	X	
(14)(C)1F	Records of description, sources, and volume of special wastes listed in Subsection (3)(A).	X	

V. Operation Proceeding in Accordance with Approved Engineering Plans? (If "NO," describe violations under "Remarks.")

Yes ☒ No ☐

REMARKS Some wastes not covered on a daily basis;
Litter; solid waste in contact with surface water.

(Attach additional sheets as necessary.)

BY Stewart Bear
SIGNATURE OF INVESTIGATOR

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality

P. O. Box 1368

Jefferson City, Missouri 65102

No

4393

NOTICE OF VIOLATION

Date and time March 24, 1983

☐ a.m.

☐ p.m.

Source (Name, Address, Permit Number, Location) West Lake Sanitary Landfill

Permit Number 113912

Mailing Address:

12570 St. Charles Rock Road Bridgeton Missouri 63044
Number Street City State Zip Code

Name of Owner or Manager Mr. W. E. Whitaker, President

In violation (cite law or regulation) 10 CSR 80-3.010(6)(C)3; 10 CSR 80-3.010(10)(C)1 & 2;
10 CSR 80-3.010(11)(C)1

Remarks on Nature of Violation: Surface water in contact with solid waste; Scattered
litter; Daily cover of wastes not achieved

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Signature (Person Receiving Notice)

Stuart Bean
Signature (Person Issuing Notice)

Title or Position

Environmental Specialist III - SLRD

Title or Position/DNR Region